THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED

Applicant: Bayne, et al. Group Art Unit:

2833 N 18 2002

Serial No:

09/754,879

Examiner:

TC 2800 MAIL ROOM

Filing Date:

January 5, 2001

Attorney Docket:

D5407-111 304-22404-US

Title: Method of Providing Hydraulic/

§ §

§ §

§

§

§

§ §

§

Fiber Conduits Adjacent Bottom Hole Assemblies for Multi-step Completions

PRELIMINARY AMENDMENT

Please amend the claims listed below as indicated. A marked up copy of the amendments to these claims appears at the end of the Amendment.

1. A method of completion of a well, comprising:

attaching at least one auxiliary conduit or cable to a downhole assembly;

providing a connection to said conduit or cable;

running in said downhole assembly with said cable or conduit to a desired location in the well;

tagging into said downhole assembly and said connection of said conduit or cable downhole on at least one subsequent trip into the well with a tubular having at least one auxiliary cable or conduit extending along its length from the surface;

communicating through said auxiliary cable or conduit between the surface and the downhole assembly on a real time basis.

2. The method of claim 1, further comprising:

tagging into said downhole assembly on a subsequent trip with production tubing having at least one auxiliary cable or conduit which is also connectable to said connection of said cable or conduit on the downhole assembly;

communicating during production through auxiliary cable or conduit between the surface and the downhole assembly on a real time basis.

3. The method of claim 1, further comprising:

plugging said connection during said running in of the downhole assembly and auxiliary cable or conduit;

unplugging said connection with another trip into the well.

- The method of claim 4, further comprising:
 selectively locking any connection resulting from said tagging in.
- 7. The method of claim 6, further comprising:
 using a gravel pack screen and packer for said downhole assembly extending said cable or
 conduit through said packer to said connection.
- 10. The method of claim 9, further comprising: using said fiber optic to measure a downhole condition on or about said downhole assembly.
- 15. The method of claim 1, further comprising:

running said auxiliary conduit or cable in a U-shaped path so as to provide a pair of connections;

extending said U-shaped path to the surface as a result of said tagging, an auxiliary conductor or cable attached to a tubular run in from the surface, into a respective connection on a subsequent trip into the wellbore.

18. The method of claim 17, further comprising:

securely mounting said fiber optic cable to said through to allow real time sensing of a downhole condition on or about the downhole assembly.

Respectfully submitted,

November 28, 2001

Richard T. Redano Reg. No. 32,292 Duane, Morris & Heckscher LLP One Greenway Plaza, Suite 500 Houston, TX 77046 (713) 552-9900

CERTIFICATE OF MAILING 37 CFR 1.8(a)

I hereby certify that this correspondence along with any referred to as attached or enclosed is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on November 28, 2001.

Tracie Thigpen